

Name \_\_\_\_\_

Write the binomials as a trinomial to simplify each.

1.  $(2x - 3)(4x + 5)$

2.  $(3y - 4)(y + 2)$

3.  $(x + 2)(x + 7)$

4.  $(x + 2)(x + 4)$

5.  $(3a + 4)(a + 2)$

6.  $(y + 2)(y + 5)$

Write the following trinomials as the product of two binomials.

7.  $x^2 - 5x + 6$

8.  $x^2 + 2xy - 3y^2$

9.  $x^2 + 6x + 8$

10.  $y^2 - 5y + 6$

11.  $3x^2 + 9x + 2$

12.  $2x^2 + 5x + 2$